

## INSERT MOLD DECORATING FILM FOR THERMOPLASTIC RESIN

### ABSTRACT OF THE DISCLOSURE

[0044] A multi-layer printable thermoplastic film consisting of at least a fluoride polymer film having laminated thereto a polycarbonate film. The printable film is preformed (vacuum molding or thermoforming) and then inserted into a mold which has the configuration of the preformed printable film. A base layer of a thermoplastic such as a polycarbonate resin is injection molded to the exposed surface of the preformed printable film. The molded structure has exterior automotive applications such as lens, etc.